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IN THE CLAIMS:

1 1. (Withdrawn) A prosthesis assembly for an aortic aneurysm
2 comprising at least first and second members with an end portion of one
3 member to be joined to an end portion of the other member portion when
4 in and when expanded within a lumen of a patient, wherein each member
5 comprises a stent arrangement associated with a graft arrangement,
6 wherein the end portion of one member has at least part of its stent
7 arrangement on the inner surface of its graft, and wherein the end portion
8 of the said other member has at least part of its stent arrangement on the
9 inner surface of its graft.

1 2. (Withdrawn) An assembly according to claim 1, wherein the said one
2 member has at least one stent on the outer surface of a further part or the
3 remainder of the graft of the said one member.

1 3. (Withdrawn) A stent graft prosthesis member for use with the
2 assembly of claim 2, wherein the member comprises at least one stent on
3 one graft surface at one end portion thereof, and further comprises at least
4 one stent on at least a part of the other graft surface which part is spaced
5 longitudinally from the said one end portion.

1 4. (Withdrawn) An assembly according to claim 1, wherein the said other
2 member has at least one stent on the outer surface of a further part or the
3 remainder of the graft of the said other member.

1 5. (Withdrawn) A stent graft prosthesis member for use with the
2 assembly of claim 4, wherein the member comprises at least one stent on
3 one graft surface at one end portion thereof, and further comprises at least
4 one stent on at least a part of the other graft surface which part is spaced
5 longitudinally from the said one end portion.

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1 6. (Cancelled)

1 7. (Withdrawn) An assembly according to claim 6, wherein the said one
2 member has at least one stent on the outer surface of a further part or the
3 remainder of the graft of the said one member.

1 8. (Withdrawn) A stent graft prosthesis member for use with the
2 assembly of claim 7, wherein the member comprises at least one stent on
3 one graft surface at one end portion thereof, and further comprises at least
4 one stent on at least a part of the other graft surface which part is spaced
5 longitudinally from the said one end portion.

1 9. (Withdrawn) An assembly according to claim 6, wherein the said other
2 member has at least one stent on the outer surface of a further part or the
3 remainder of the graft of the said other member.

1 10. (Withdrawn) A stent graft prosthesis member for use with the
2 assembly of claim 9, wherein the member comprises at least one stent on
3 one graft surface at one end portion thereof, and further comprises at least
4 one stent on at least a part of the other graft surface which part is spaced
5 longitudinally from the said one end portion.

1 11. (Currently Amended) A composite prosthesis ~~adapted~~ for
2 deployment in a lumen, the prosthesis comprising a first substantially
3 tubular prosthesis portion and a second substantially tubular prosthesis
4 portion, wherein each prosthesis portion comprises ~~having~~ a plurality of self
5 expanding stents on an outer surface thereof along the length of each
6 portion and at least one self expanding stent on an inside surface thereof at
7 each end of each portion, each prosthesis portion comprising ~~having~~ a
8 connecting end ~~adapted~~ to engage with the connecting end of the other
9 prosthesis portion to form the composite prosthesis and a remote end at the

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10 opposite end to the connecting end, each connecting end comprising
 11 ~~having~~ the same outside diameter as the other connecting end, whereby in
 12 use the connecting end of the first prosthesis portion can be deployed either
 13 inside or outside the connecting end of the second prosthesis portion with
 14 at least two stents overlapping and a smooth surface of one portion
 15 engaging with a smooth surface of the other portion to provide a seal
 16 therebetween.

1 12. (Currently Amended) A composite prosthesis as in Claim 11,
 2 wherein the second ~~or distal~~ prosthesis portion is a bifurcated graft
 3 including having a body portion and two leg portions.

1 13. (Currently Amended) A composite prosthesis as in Claim 12,
 2 wherein the bifurcated second ~~or distal~~ prosthesis portion comprises ~~has a~~
 3 shorter leg and a longer leg and there are ~~is~~ self expanding stents on the
 4 outside of the shorter leg and the inside of the remote distal end of the
 5 longer leg.

1 14. (Currently Amended) A composite prosthesis as in Claim 12,
 2 further including at least one leg prosthesis portion ~~adapted to be deployed~~
 3 in use into ~~in to~~ either the longer or shorter legs of the bifurcated second ~~or~~
 4 ~~distal~~ prosthesis portion ~~or into the end of the aortouni-iliac prosthesis.~~

1 15. (Currently Amended) A composite prosthesis as in Claim 11,
 2 wherein the first ~~or proximal~~ prosthesis portion comprises at its remote end
 3 ~~is provided with~~ a proximally extending self expanding stent including barbs
 4 to engage against the wall of a lumen ~~to hold the graft in place.~~

1 16. (Withdrawn) A composite prosthesis for an aortic aneurysm adjacent
 2 to or including an aortic bifurcation, the prosthesis comprising a
 3 substantially tubular proximal prosthesis portion and a substantially tubular
 4 distal prosthesis portion, wherein each prosthesis portion having a plurality

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5 of self expanding stents on an outer surface thereof along the length of each
6 portion and at least one self expanding stent on an inside surface thereof at
7 each end of each portion, each prosthesis portion having a connecting end
8 adapted to engage with the connecting end of the other prosthesis portion
9 and a remote end at the opposite end to the connecting end, each
10 connecting end having the same outside diameter as the other connecting
11 end, whereby in use the connecting end of the proximal prosthesis portion
12 can be deployed either inside or outside the connecting end of the distal
13 prosthesis portion with at least two stents overlapping such that the either
14 the distal or proximal prosthesis portion can be deployed first and the other
15 prosthesis portion deployed so that its connecting end is within the
16 connecting end of the first deployed prosthesis portion.

1 17. (Withdrawn) A composite prosthesis as in Claim 16, wherein the
2 second or distal prosthesis portion is a bifurcated graft having a body
3 portion and two leg portions.

1 18. (Withdrawn) A composite prosthesis as in Claim 17, wherein the
2 bifurcated second or distal prosthesis portion has a shorter leg and a longer
3 leg and there is self expanding stents on the outside of the shorter leg and
4 the inside of the distal end of the longer leg.

1 19. (Withdrawn) A composite prosthesis as in Claim 17, further including
2 at least one leg prosthesis portion adapted to be deployed in to either the
3 longer or shorter legs of the bifurcated second or distal prosthesis portion
4 or into the end of the aortouni-iliac prosthesis.

1 20. (Withdrawn) A composite prosthesis as in Claim 16, wherein the first
2 or proximal prosthesis portion is provided with a proximally extending self
3 expanding stent including barbs to engage against the wall of a lumen to
4 hold the graft in place.

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1 21. (New) A composite prosthesis comprising a first substantially
2 tubular prosthesis portion and a second substantially tubular prosthesis
3 portion, each prosthesis portion comprising a tubular body of a graft
4 material and each including a connecting end, each connecting end comprising:
5 a terminal region providing a smooth external surface of the graft
6 material with a stent or stents on the inside surface thereof; and
7 a second region adjacent to the terminal graft portion providing a
8 smooth internal surface of the graft material with a stent or stents on the
9 outside surface,
10 wherein the connecting end of the first prosthesis portion can be
11 deployed inside the connecting end of the second prosthesis portion such
12 that the smooth external surface of the terminal region of the first
13 prosthesis portion engages the smooth internal surface of the second
14 region of the second prosthesis portion to provide a seal therebetween or
15 the connecting end of the second prosthesis portion can be deployed
16 inside the connecting end of the first prosthesis portion such that the
17 smooth external surface of the terminal region of the second prosthesis
18 portion engages the smooth internal surface of the second region of the
19 first prosthesis portion to provide a seal therebetween.